Summer Assignment A&P

You do not need your textbook to answer these questions. You may use reputable internet sources. If you would like a source text, OpenStax.org has some foundational textbooks in the course content that you may use for free. Please review the following YouTube sites; draw, as needed.

Wendy Riggs Anatomical Themes Playlist: Anatomical Themes 5- Directional terminology, Anatomical Themes 6- Planes of section, Anatomical Themes 7- Body cavities
Susanna Heinze Terminology Playlist: Directional Terms used in A&P, Sections, Cavities, and Quadrants, Body Membranes

You will be given instructions for submission upon your return to school. This assignment is due Wednesday of the first week of classes.

Distinguish between the following terms in reference to body orientation.
- Superior/Inferior
- Cranial/caudal
- Ventral/Dorsal
- Anterior/Posterior
- Medial/Lateral/Intermediate
- Proximal/Distal
- Superficial/Deep
- External/Internal

Which halves do each of these body planes divide? (Front-back. Left-Right, Top-Bottom)
- Sagittal
- Frontal (Coronal)
- Transverse (Horizontal)

Use each of the terms provided to answer the following question comprehensively in 3 sentences or less.

How are the dorsal and ventral cavities separated?
- Cranial cavity, vertebral (spinal) cavity, viscera, thoracic cavity, pleural cavity, mediastinum, pericardial cavity, abdominopelvic cavity, serous membrane, parietal serosa, visceral serosa

Label the following locations on the abdominal region provided:
- Right hypochondriac
- Left hypochondriac
- Right lumbar
- Left lumbar
- Right iliac/inguinal
- Left iliac/inguinal
- Hypogastric
- Epigastric
- Umbilical
Using the images provided, identify the listed locations.

- Cephalic
- Frontal
- Nasal
- Oral
- Mental
- Cervical
- Thoracic
- Axially
- Mammary
- Sternal
- Abdominal
- Pelvic
- Inguinal
- Pubic
- Upper limb
- Acromial
- Brachial
- Antecubital
- Antebrachial
- Carpal
- Manus
- Metacarpal
- Palmar
- Pollex
- Digital